

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below.

1. (Previously Presented) A thermosetting transparent curable coating composition comprising,

(A) from 10 to 40 % by weight of at least one (meth)acrylate (co)polymer having a number-average molecular weight of from 1,000 to 6,000 daltons, a glass transition temperature of -15 to +70°C, and a hydroxyl number of from 80 to 200 mg KOH/g, wherein the (meth)acrylate (co)polymer is not formed in the presence of component (B),

(B) from 10 to 40 % by weight of at least one polyester having a number-average molecular weight of from 800 to 6,000 daltons, a hydroxyl number of from 80 to 200 mg KOH/g and an acid number of from 1 to 50 mg KOH/g, comprising, based on the polyester, from 30 to 70 % by weight of cycloaliphatic structural units,

(C) from 10 to 40 % by weight of at least one blocked polyisocyanate in which the blocked polyisocyanate groups are attached to at least one flexibilizing structural unit which, as part of a three-dimensional network, lowers its glass transition temperature, and

(D) from 10 to 40 % by weight of at least one blocked polyisocyanate in which at least one of the blocked polyisocyanate groups is attached to at least one hardening structural unit which, as part of a three-dimensional network, raises its glass transition temperature, wherein all % by weight are based on the total weight of (A), (B), (C), and (D).

2. (Previously Presented) The coating composition of claim 1, comprising based on (A), (B), (C), and (D), from 10 to 35 % by weight of (A).
3. (Previously Presented) The coating composition of claim 1, comprising, based on (A), (B), (C), and (D), from 10 to 35 % by weight of (B).
4. (Previously Presented) The coating composition of claim 1, comprising, based on (A), (B), (C), and (D), from 10 to 35 % by weight of (C).
5. (Previously Presented) The coating composition of claim 1, comprising, based on (A), (B), (C), and (D), from 10 to 35 % by weight of (D).
6. (Previously Presented) The coating composition of claim 1, wherein (A) has a number-average molecular weight of from 1,000 to 5,000 daltons.
7. (Previously Presented) The coating composition of claim 1, wherein (A) has a glass transition temperature from -15 to + 60°C.
8. (Previously Presented) The coating composition of claim 1, wherein (A) has a hydroxyl number of from 100 to 180 mg KOH/g.
9. (Previously Presented) The coating composition of claim 1, wherein (B) has a number-average molecular weight of from 1,000 to 5,500 daltons.
10. (Previously Presented) The coating composition of claim 1, wherein (B) has a hydroxyl number of from 100 to 180 mg KOH/g.
11. (Previously Presented) The coating composition of claim 1, wherein (B) has an acid number of from 3 to 25 mg KOH/g.

12. (Previously Presented) The coating composition of claim 1, wherein (B) contains, based on (B), from 40 to 60% by weight of cycloaliphatic structural units.
13. (Previously Presented) The coating composition of claim 1, wherein the flexibilizing structural units of (C) are flexibilizing segments selected from the group consisting of divalent aliphatic hydrocarbon radicals and divalent, heteroatom-containing aliphatic hydrocarbon radicals.
14. (Previously Presented) The coating composition of claim 13, wherein the flexibilizing structural units are hexamethylene radicals.
15. (Previously Presented) The coating composition of claim 1, wherein the hardening structural units of (D) are selected from the group consisting of divalent and higher polyvalent cycloaliphatic radicals.
16. (Previously Presented) The coating composition of claim 15, wherein the cycloaliphatic radicals are isophorone radicals.
17. (Previously Presented) The coating composition of claim 1, wherein the blocking agents for the polyisocyanates (C) and (D) are selected from the group consisting of phenols, lactams, active methylenic compounds, alcohols, mercaptans, acid amides, imides, amines, imidazoles, ureas, carbamates, imines, oximes, salts of sulfuric acid, hydroxamic esters, and substituted pyrazoles and triazoles.
18. (Previously Presented) The coating composition of claim 17, wherein the polyisocyanates (C) are blocked with substituted pyrazoles.
19. (Previously Presented) The coating composition of claim 17, wherein the polyisocyanates (D) are blocked with oximes.
20. (Canceled)

21. (Currently Amended) A process for preparing the thermally curable transparent coating composition of claim 1 comprising mixing constituents (A), (B), (C), and (D) and, optionally, (E), and homogenizing the resulting mixture.

Claims 22-23 (Canceled)

24. (Previously Presented) A coating comprising a coating composition according to claim 1, wherein said coating comprises an automotive clearcoat.

25. (Previously Presented) A method of coating a substrate, the method comprising applying a clear coat composition to a substrate, wherein the clear coat composition consists of the coating composition of claim 1.

26. (New) The coating composition of claim 1 further comprising at least one additive (E).